

## SEQUENCE LISTING

<110> Milner, Josephine

<120> Regulation of Gene Expression

<130> 4100-0001

<140> PCT/GB2004/001128

<141> 2004-03-17

<150> GB 0306148.8

<151> 2003-03-18

<160> 11

<170> PatentIn version 3.1

<210> 1

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<212> DNA

<213> Artificial Sequence

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<223> Bcl-2 small interfering RNA sequence (siRNA)

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<223> Bcl-2 small interfering RNA sequence (siRNA)

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21

<210> 3

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<223> Bcl-2 small interfering RNA sequence (siRNA)

<400> 3

gcugcaccug acgcccuauct t

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<223> Bcl-xL small interfering RNA sequence (siRNA)

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ggggccgccc ccgcgccggg catcttctcc tcgcagcccc ggcacacgcc ccatacagcc 180

gcatcccggg acccggtcgc caggacctcg ccgctgcaga ccccggtgc ccccggcgcc 240

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agcgtcaacc gggagatgtc gccctggtg gacaacatcg ccctgtggat gactgagtac 540

ctgaaccggc acctgcacac ctggatccag gataacggag gctgggatgc ctttgtggaa 600  
ctgtacggcc ccagcatgcg gcctctgttt gatttctcct ggctgtctct gaagactctg 660  
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20 25 30

Gly Asp Val Gly Ala Ala Pro Pro Gly Ala Ala Pro Ala Pro Gly Ile  
35 40 45

Phe Ser Ser Gln Pro Gly His Thr Pro His Thr Ala Ala Ser Arg Asp  
50 55 60

Pro Val Ala Arg Thr Ser Pro Leu Gln Thr Pro Ala Ala Pro Gly Ala  
65 70 75 80

Ala Ala Gly Pro Ala Leu Ser Pro Val Pro Pro Val Val His Leu Thr  
85 90 95

Leu Arg Gln Ala Gly Asp Asp Phe Ser Arg Arg Tyr Arg Arg Asp Phe  
100 105 110

Ala Glu Met Ser Arg Gln Leu His Leu Thr Pro Phe Thr Ala Arg Gly  
115 120 125

Arg Phe Ala Thr Val Val Glu Glu Leu Phe Arg Asp Gly Val Asn Trp  
130 135 140

Gly Arg Ile Val Ala Phe Phe Glu Phe Gly Gly Val Met Cys Val Glu  
145 150 155 160

Ser Val Asn Arg Glu Met Ser Pro Leu Val Asp Asn Ile Ala Leu Trp  
165 170 175

Met Thr Glu Tyr Leu Asn Arg His Leu His Thr Trp Ile Gln Asp Asn  
180 185 190

Gly Gly Trp Asp Ala Phe Val Glu Leu Tyr Gly Pro Ser Met Arg Pro  
195 200 205

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210 215 220

Leu Val Gly Ala Cys Ile Thr Leu Gly Ala Tyr Leu Gly His Lys  
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<212> PRT  
<213> Homo sapiens

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Lys Tyr Ile His Tyr Lys Leu Ser Gln Arg Gly Tyr Glu Trp Asp Ala  
 20 25 30

Gly Asp Val Gly Ala Ala Pro Pro Gly Ala Ala Pro Ala Pro Gly Ile  
 35 40 45

Phe Ser Ser Gln Pro Gly His Thr Pro His Pro Ala Ala Ser Arg Asp  
 50 55 60

Pro Val Ala Arg Thr Ser Pro Leu Gln Thr Pro Ala Ala Pro Gly Ala  
 65 70 75 80

Ala Ala Gly Pro Ala Leu Ser Pro Val Pro Pro Val Val His Leu Ala  
 85 90 95

Leu Arg Gln Ala Gly Asp Asp Phe Ser Arg Arg Tyr Arg Gly Asp Phe  
 100 105 110

Ala Glu Met Ser Ser Gln Leu His Leu Thr Pro Phe Thr Ala Arg Gly  
 115 120 125

Arg Phe Ala Thr Val Val Glu Glu Leu Phe Arg Asp Gly Val Asn Trp  
 130 135 140

Gly Arg Ile Val Ala Phe Phe Glu Phe Gly Gly Val Met Cys Val Glu  
 145 150 155 160

Ser Val Asn Arg Glu Met Ser Pro Leu Val Asp Asn Ile Ala Leu Trp  
 165 170 175

Met Thr Glu Tyr Leu Asn Arg His Leu His Thr Trp Ile Gln Asp Asn  
 180 185 190

Gly Gly Trp Val Gly Ala Ser Gly Asp Val Ser Leu Gly  
 195 200 205

<210> 11  
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actgaatcgg agatggagac cccagtgcc atcaatggca acccatcctg gcacctggca	180
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atccccatgg cagcagtaaa gcaagcgctg agggaggcag gcgacgagtt tgaactgcgg	300
taccggcggg cattcagtga cctgacatcc cagctccaca tcaccccagg gacagcatat	360
cagagctttg aacaggtagt gaatgaactc ttccgggatg gggtaaactg gggtcgcatt	420
gtggcctttt tctccttcgg cggggcactg tgcgtggaaa gcgtagacaa ggagatgcag	480
gtattggtga gtcggatcgc agcttggatg gccacttacc tgaatgacca cctagagcct	540
tggatccagg agaacggcgg ctgggatact tttgtggaac tctatgggaa caatgcagca	600
gccgagagcc gaaagggcca ggaacgcttc aaccgctggt tcctgacggg catgactgtg	660
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